

{+SUT, X4, T-AP-*)	PASCMMSG
{+SE+ USE ACTUAL PROCEDURE NAMES RATHER THAN PRGNNNN*)	MSUENAME
PROGRAM PASCMMSG(OUTPUT);	PASCMMSG
CONST ERRMAX = 420;	PASCMMSG
TYPE ERRINDEX = 1 .. ERRMAX;	PASCMMSG
ERLISTT = PACKED ARRAY[ERRINDEX] OF BOOLEAN;	PASCMMSG
ERLISTP = ^ERLISTT;	PASCMMSG
VAR I: ERRINDEX; P: ERLISTP; EL: ERLISTT;	PASCMMSG
PROCEDURE PASCELP(VAR P: ERLISTP); EXTERN;	PASCMMSG
BEGIN	PASCMMSG
PASCELP(P); EL := P^;	PASCMMSG
WRTTELN: WRITELN; WRITELN; WRITELN;	PASCMMSG
WRITELN(*ERROR SUMMARY*: 35);	PASCMMSG
WRITELN(*******: 35);	PASCMMSG
WRITELN; WRITELN;	PASCMMSG
FOR I := 1 TO ERRMAX DO IF EL[I] THEN	PASCMMSG
BEGIN WRITE(I:5, ' ');	PASCMMSG
CASE I OF	PASCMMSG
1: WRITE(ERROR IN SIMPLE TYPE);	PASCMMSG
2: WRITE(=IDENTIFIER EXPECTED);	PASCMMSG
3: WRITE(=PROGRAM EXPECTED);	PASCMMSG
4: WRITE(= EXPECTED);	PASCMMSG
5: WRITE(= EXPECTED);	PASCMMSG
6: WRITE(=ILLEGAL SYMBOL);	PASCMMSG
7: WRITE(=ERROR IN PARAMETER LIST);	PASCMMSG
8: WRITE(= OF EXPECTED);	PASCMMSG
9: WRITE(= EXPECTED);	PASCMMSG
10: WRITE(=IN TYPE);	PASCMMSG
11: WRITE(= EXPECTED);	PASCMMSG
12: WRITE(=ENDE EXPECTED);	PASCMMSG
13: WRITE(=END EXPECTED);	PASCMMSG
14: WRITE(=WHILE EXPECTED);	PASCMMSG
15: WRITE(=WHEN EXPECTED);	PASCMMSG
16: WRITE(=WHEN EXPECTED);	PASCMMSG
17: WRITE(=BEGIN EXPECTED);	PASCMMSG
18: WRITE(=ERROR IN DECLARATION PART);	PASCMMSG
19: WRITE(=ERROR IN FIELD-LIST);	PASCMMSG
20: WRITE(=, EXPECTED);	PASCMMSG
50: WRITE(ERROR IN CONSTANT);	PASCMMSG
51: WRITE(= EXPECTED);	PASCMMSG
52: WRITE(=THEN EXPECTED);	PASCMMSG
53: WRITE(=UNTIL EXPECTED);	PASCMMSG
54: WRITE(=DO EXPECTED);	PASCMMSG
55: WRITE(=DOWNTO EXPECTED);	PASCMMSG
57: WRITE(=FILE EXPECTED);	PASCMMSG
58: WRITE(ERROR IN FACTORE);	PASCMMSG
59: WRITE(ERROR IN VARIABLE);	PASCMMSG
101: WRITE(=IDENTIFIER DECLARED TWICE);	PASCMMSG
102: WRITE(=LOWBOUND EXCEEDS HIGHEBOUND);	PASCMMSG
103: WRITE(=IDENTIFIER IS NOT OF APPROPRIATE CLASSE);	PASCMMSG
104: WRITE(=IDENTIFIER NOT DECLARED);	PASCMMSG
105: WRITE(=SIGN NOT ALLOWED);	PASCMMSG
106: WRITE(=NUMBER EXPECTED);	PASCMMSG
107: WRITE(=INCOMPATIBLE SUBRANGE TYPESE);	PASCMMSG
108: WRITE(=FILE NOT ALLOWED HERE);	PASCMMSG
109: WRITE(=TYPE MUST NOT BE REAL);	PASCMMSG
110: WRITE(=TAGFIELD TYPE MUST BE SCALAR OR SUBRANGE);	PASCMMSG
111: WRITE(=INCOMPATIBLE WITH TAGFIELD TYPE);	PASCMMSG
112: WRITE(=INDEX TYPE MUST NOT BE REAL);	PASCMMSG
113: WRITE(=INDEX TYPE MUST BE SCALAR OR SUBRANGE);	PASCMMSG
114: WRITE(=BASE TYPE MUST NOT BE REAL);	PASCMMSG
115: WRITE(=BASE TYPE MUST BE SCALAR OR SUBRANGE);	PASCMMSG
116: WRITE(ERROR IN TYPE OF STANDARD PROCEDURE PARAMETER);	PASCMMSG
117: WRITE(=UNSATISFIED FORWARD REFERENCE);	PASCMMSG
119: WRITE(=FORWARD DECLARED; REPETITION OF PARAMETER LIST NOT E, ALLOWED);	PASCMMSG
120: WRITE(=FUNCTION RESULT TYPE MUST BE SCALAR, SUBRANGE OR E, POINTERE);	PASCMMSG
121: WRITE(=FILE VALUE PARAMETER NOT ALLOWED);	PASCMMSG
122: WRITE(=FORWARD DECLARED FUNCTION; REPETITION OF RESULT E, TYPE NOT ALLOWED);	PASCMMSG
123: WRITE(=MISSING RESULT TYPE IN FUNCTION DECLARATION);	PASCMMSG
124: WRITE(=F-FORMAT FOR REAL ONLY);	PASCMMSG
125: WRITE(=ERROR IN TYPE OF STANDARD FUNCTION PARAMETER);	PASCMMSG
126: WRITE(=NUMBER OF PARAMETERS DOES NOT AGREE WITH DECLARATION);	PASCMMSG
127: WRITE(=ILLEGAL PARAMETER SUBSTITUTION);	PASCMMSG
128: WRITE(=RESULT TYPE OF PARAMETER FUNCTION DOES NOT AGREE E,	PASCMMSG

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129: WRITE(//TYPE CONFLICT OF OPERANDS);
130: WRITE(//EXPRESSION IS NOT OF SET TYPE);
131: WRITE(//TESTS ON EQUALITY ALLOWED ONLY);
132: WRITE(//STRICT INCLUSION NOT ALLOWED);
133: WRITE(//FILE COMPARISON NOT ALLOWED);
134: WRITE(//ILLEGAL TYPE OF OPERAND(S));
135: WRITE(//TYPE OF OPERAND MUST BE BOOLEAN);
136: WRITE(//SET ELEMENT MUST BE SCALAR OR SUBRANGE);
137: WRITE(//SET ELEMENT TYPES NOT COMPATIBLE);
138: WRITE(//TYPE OF VARIABLE IS NOT ARRAY);
139: WRITE(//INDEX TYPE IS NOT COMPATIBLE WITH DECLARATIONS);
140: WRITE(//TYPE OF VARIABLE IS NOT RECORD);
141: WRITE(//TYPE OF VARIABLE MUST BE FILE OR POINTER);
142: WRITE(//ILLEGAL PARAMETER SUBSTITUTION);
143: WRITE(//ILLEGAL TYPE OF LOOP CONTROL VARIABLE);
144: WRITE(//ILLEGAL TYPE OF EXPRESSION);
145: WRITE(//TYPE CONFLICT);
146: WRITE(//ASSIGNMENT OF FILES NOT ALLOWED);
147: WRITE(//LABEL TYPE INCOMPATIBLE WITH SELECTING EXPRESSION);
148: WRITE(//SUBRANGE BOUNDS MUST BE SCALARS);
149: WRITE(//INDEX TYPE MUST NOT BE INTEGER);
150: WRITE(//ASSIGNMENT TO THIS FUNCTION IS NOT ALLOWED);
151: WRITE(//ASSIGNMENT TO FORMAL FUNCTION IS NOT ALLOWED);
152: WRITE(//NO SUCH FIELD IN THIS RECORD);
155: WRITE(//CONTROL VARIABLE MUST NOT BE DECLARED ON AN E,
    //INTERMEDIATE LEVEL);
156: WRITE(//MULTIDEFINED CASE LABEL);
157: WRITE(//TOO MANY CASES IN CASE STATEMENT);
158: WRITE(//MISSING CORRESPONDING VARIANT DECLARATION);
159: WRITE(//REAL OR STRING TAGFIELDS NOT ALLOWED);
160: WRITE(//PREVIOUS DECLARATION WAS NOT FORWARD);
161: WRITE(//HAS ALREADY BEEN FORWARD DECLARED);
164: WRITE(//SUBSTITUTION OF STANDARD PROC/FUNC NOT ALLOWED);
165: WRITE(//MULTIDEFINED LABEL);
166: WRITE(//MULTIDECLARED LABEL);
167: WRITE(//UNDECLARED LABEL);
168: WRITE(//UNDEFINED LABEL);
169: WRITE(//ERROR IN BASE SETE);
170: WRITE(//VALUE PARAMETER EXPECTED);
172: WRITE(//UNDECLARED EXTERNAL FILE);
173: WRITE(//FORTRAN PROCEDURE OR FUNCTION EXPECTED);
174: WRITE(//PASCAL PROCEDURE OR FUNCTION EXPECTED);
175: WRITE(//MISSING FILE //INPUT// IN PROGRAM HEADING);
176: WRITE(//MISSING FILE //OUTPUT// IN PROGRAM HEADING);
177: WRITE(//ASSIGNMENT TO FUNCTION IDENTIFIER NOT ALLOWED HERE);
178: WRITE(//MULTIDEFINED RECORD VARIANT);
179: WRITE(//X-OPTION OF ACTUAL PROCEDURE/FUNCTION DOES NOT E,
    //MATCH FORMAL DECLARATION);
180: WRITE(//CONTROL VARIABLE MUST NOT BE FORMAL);
181: WRITE(//CONSTANT PART OF ADDRESS OUT OF RANGE);
201: WRITE(//ERROR IN REAL CONSTANT: DIGIT EXPECTED);
202: WRITE(//STRING CONSTANT MUST NOT EXCEED SOURCE LINE);
203: WRITE(//INTEGER CONSTANT EXCEEDS RANGE);
204: WRITE(//8 OR 9 IN OCTAL NUMBER);
205: WRITE(//ZERO STRING NOT ALLOWED);
206: WRITE(//INTEGER PART OF REAL CONSTANT EXCEEDS RANGE);
250: WRITE(//TOO MANY NESTED SCOPES OF IDENTIFIERS);
251: WRITE(//TOO MANY NESTED PROCEDURES AND/OR FUNCTIONS);
255: WRITE(//TOO MANY ERRORS ON THIS SOURCE LINE);
256: WRITE(//TOO MANY EXTERNAL REFERENCES);
258: WRITE(//TOO MANY LOCAL FILES);
259: WRITE(//EXPRESSION TOO COMPLICATED);
260: WRITE(//TOO MANY EXIT LABELS);
300: WRITE(//DIVISION BY ZERO);
302: WRITE(//INDEX EXPRESSION OUT OF BOUND);
303: WRITE(//VALUE TO BE ASSIGNED IS OUT OF BOUND);
304: WRITE(//ELEMENT EXPRESSION OUT OF RANGE);
398: WRITE(//IMPLEMENTATION RESTRICTION);
END;
WRITELN
END;
MESSAGE(* ERROR(S) IN PASCAL PROGRAM); HALT
END.

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RETURN TO JWD

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